

Figure 2

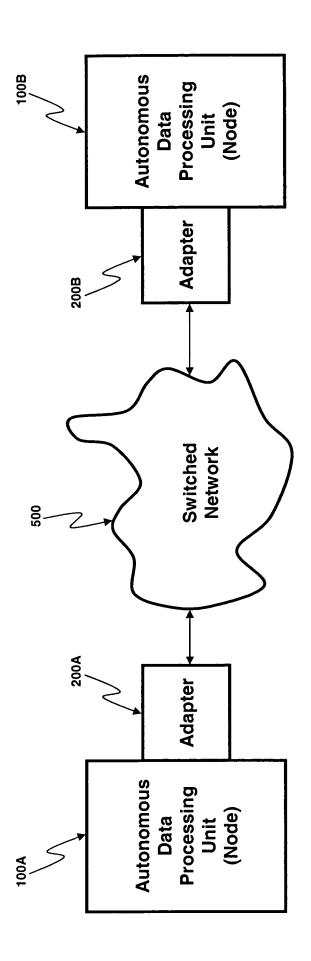


Figure 3

Send-Receive

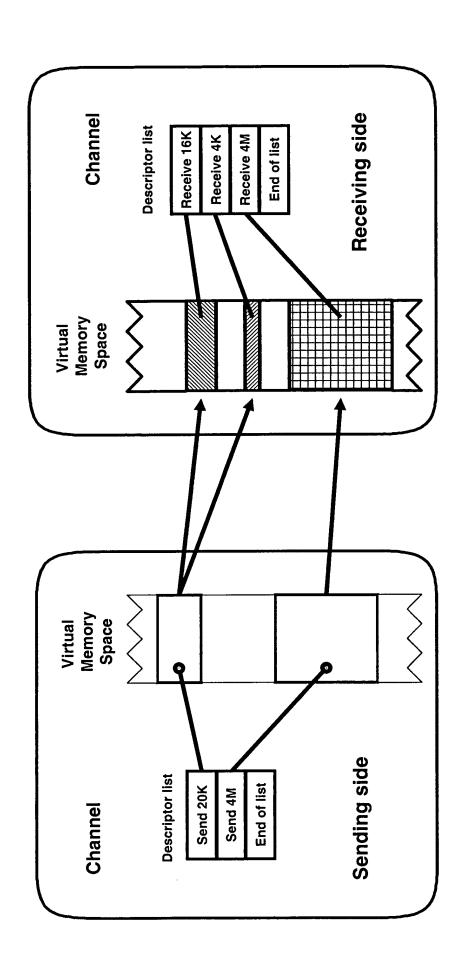


Figure 4

Remote Read-Write

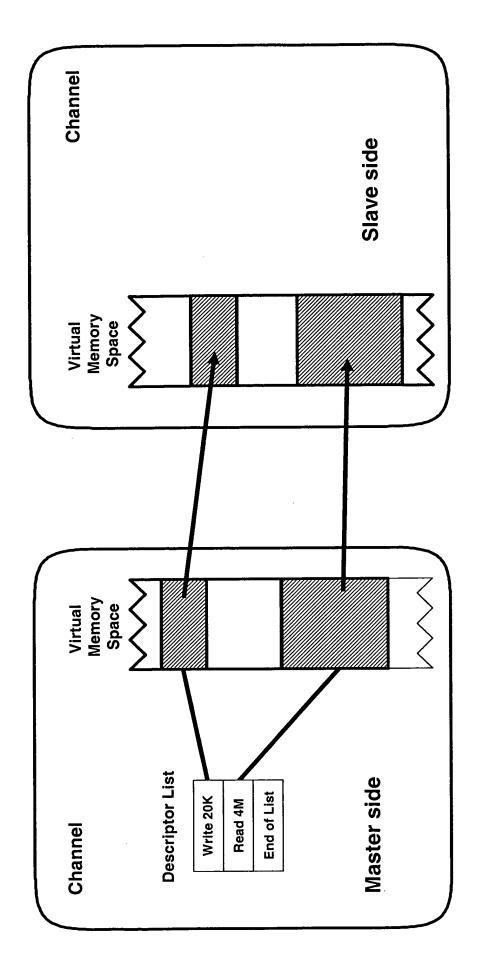


Figure 5

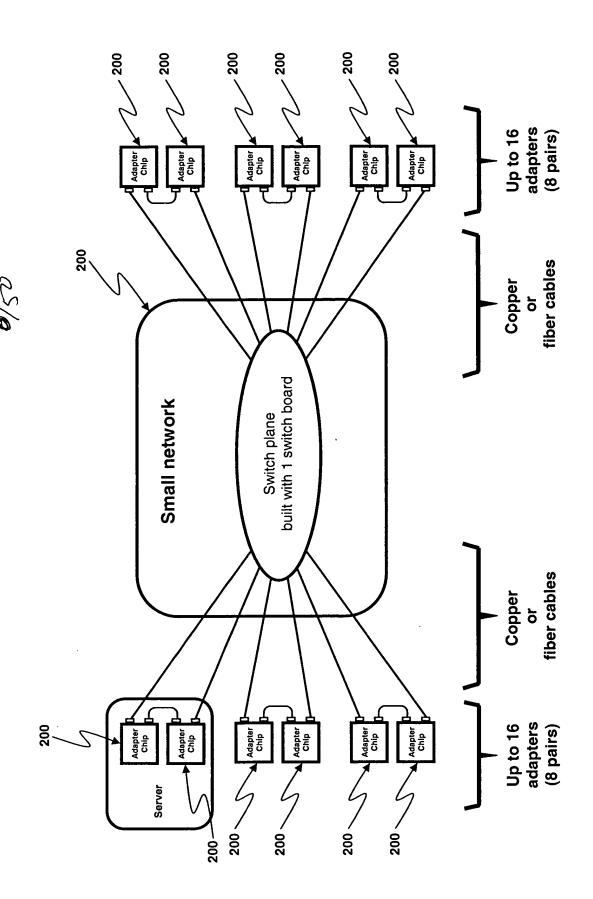


Figure 6

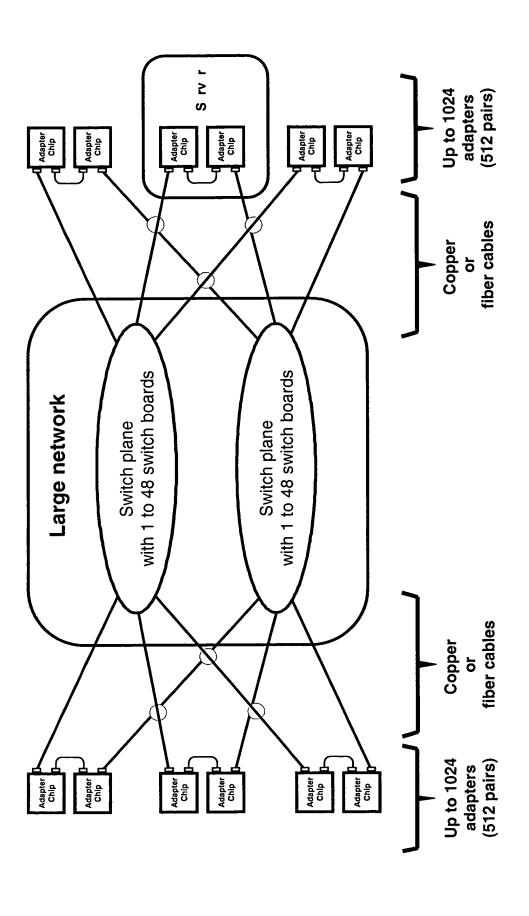


Figure 7



Programming Interface

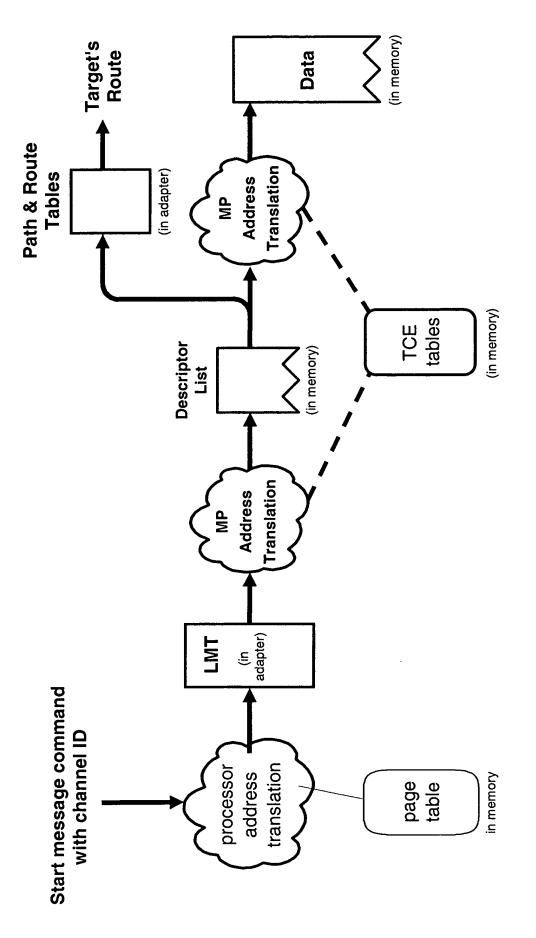


Figure 8



Address Translation

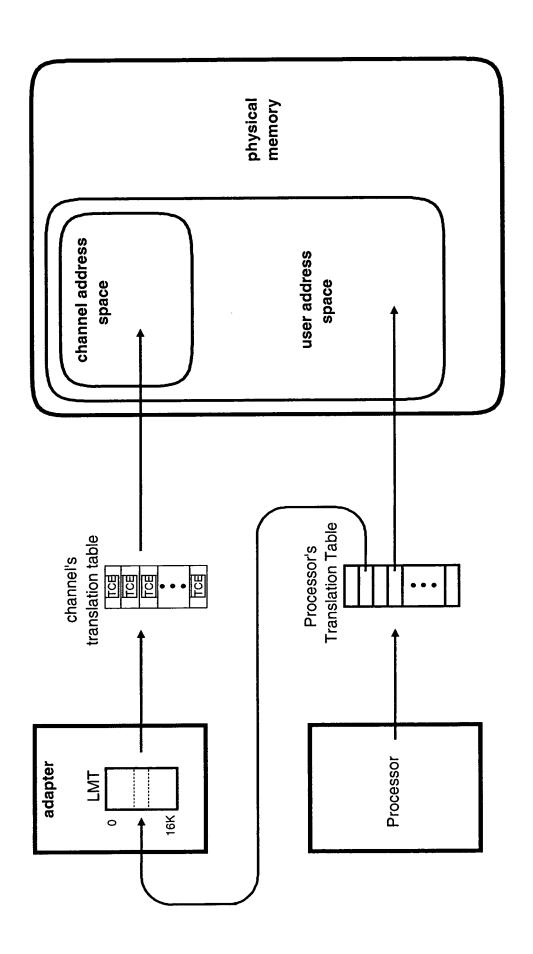


Figure 9

Address Translation with 4K pages

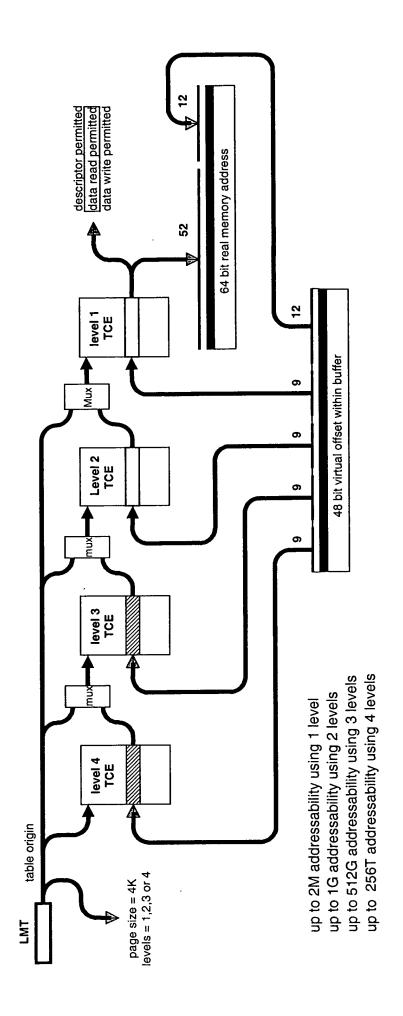


Figure 10

Address Translation with 16M pages

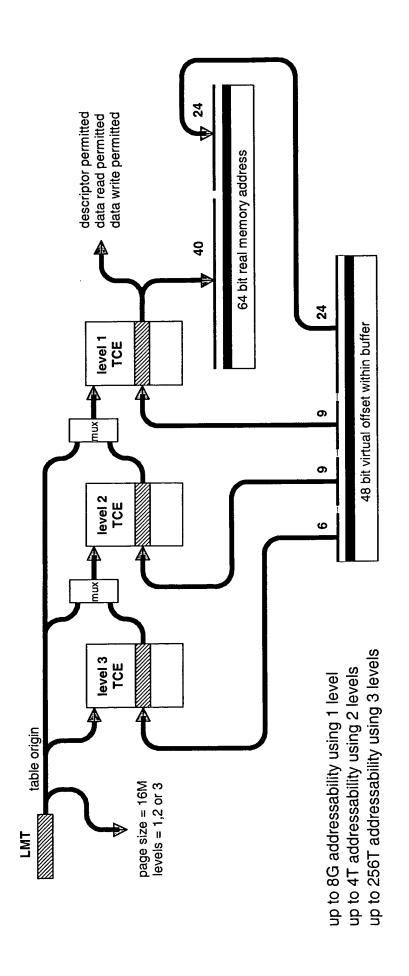


Figure 11

Adapter Identification

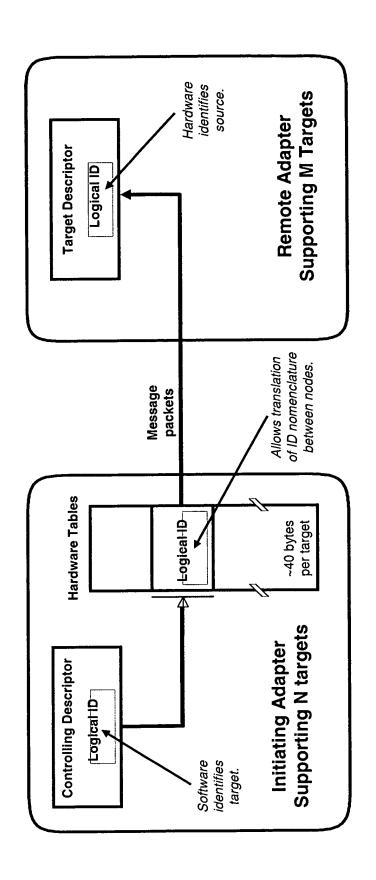


Figure 12

Broadcast Function

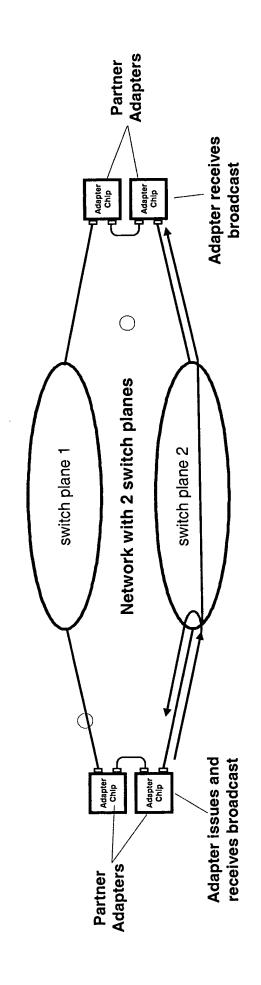


Figure 13

Processor Interrupts

Channel Interrupt Generation

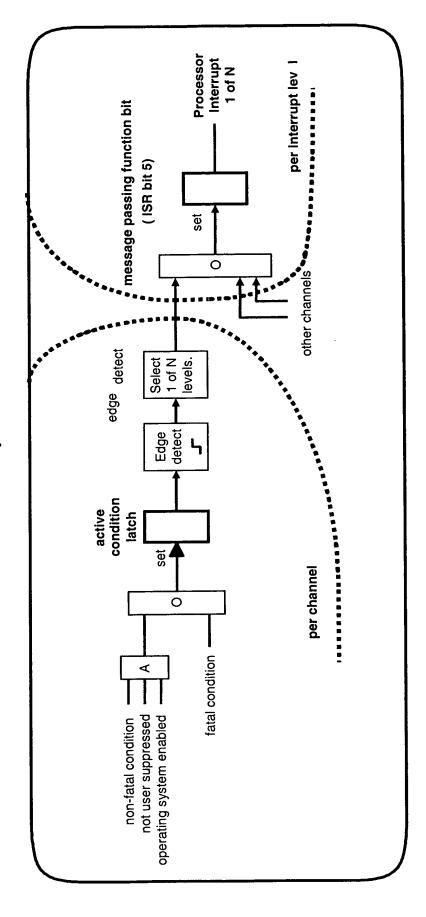


Figure 14

15/20

Defined Address Fields

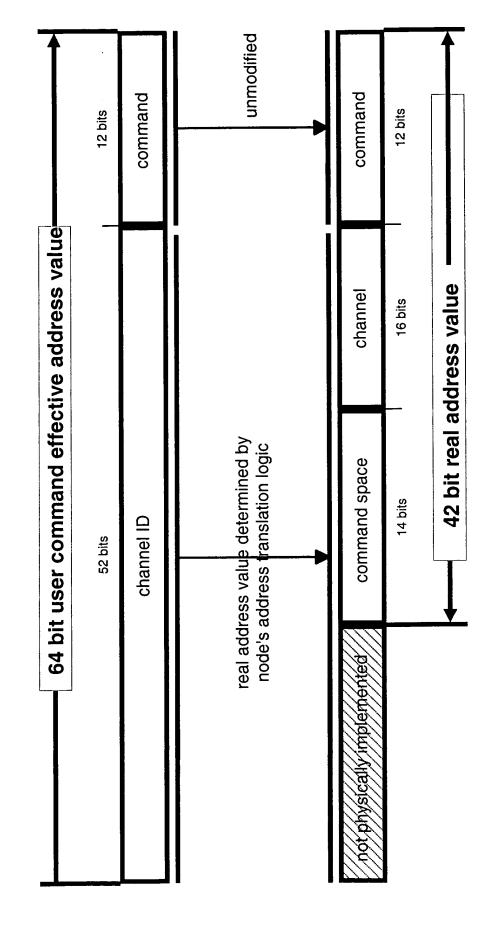


Figure 15

Channel States

Resume

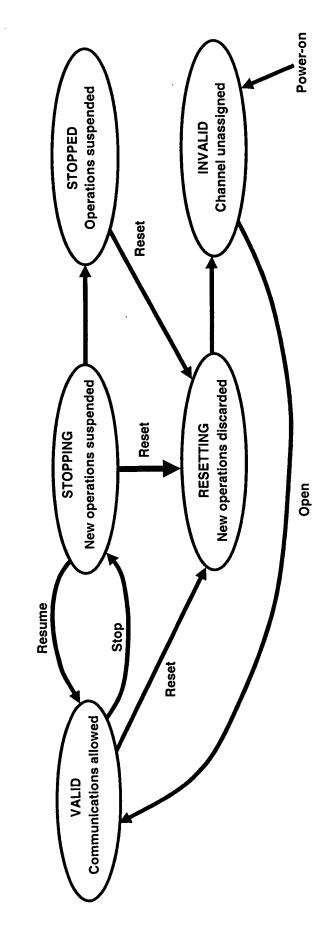


Figure 16

05/1

Local Mapping Table (LMT) Entries

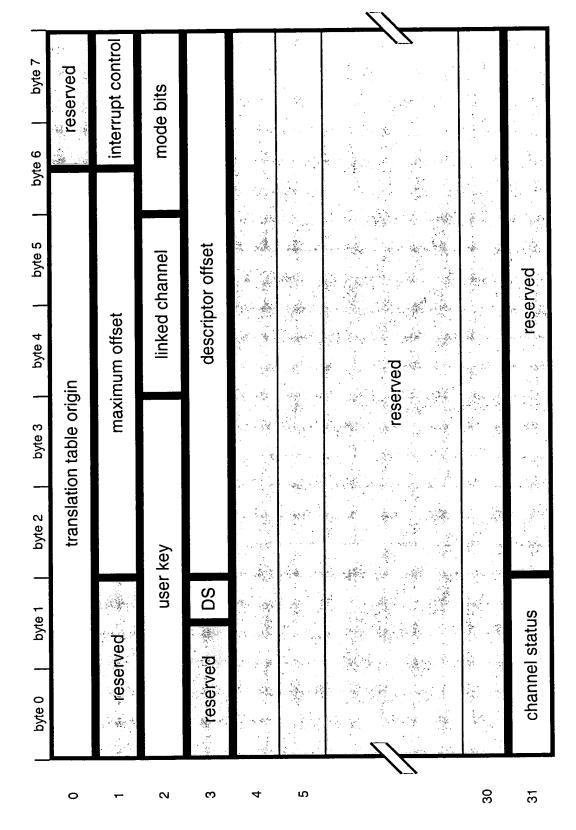


Figure 17

Translation Control Elements

TCE format

byte 7	flags
byte 6	,
byte 5	
byte 4	
byte 3	page pointer
byte 2	pa
byte 1	
byte 0	

Figure 18

Remote Write

	byte 0	byte 1	byte 2 by	byte 3	byte 4	byte 5	byte 6	byte 7
bytes 0-7	type CC 0010	flags			local data offset	offset		
bytes 8-15	target channel	hannel	target ID			byte count		
bytes 16-23	nun	pesnur			remote data offset	ta offset		
bytes 24-31				pesnun	70			

Figure 19

Remote Read

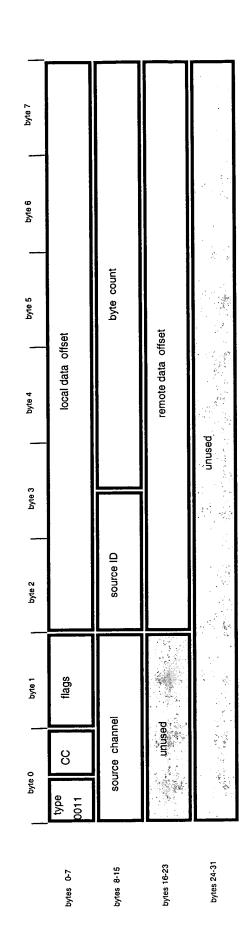


Figure 20

Source of Push

	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7
bytes 0-7	type CC 0100	flags			data	data offset		
bytes 8-15	target channel	channel	target ID			byte count	nt	

Figure 21

Target of push

	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7
bytes 0-7	type CC 0101	flags			data	offset		
bytes 8-15	source	source channel	source ID	Q		byte count	nt	

Figure 22

Source of Pull

	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7
bytes 0-7	type CC 0110	flags			data	data offset		
bytes 8-15	target	target channel	target ID			byte count	ınt	

Figure 23

Target of pull

	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7
bytes 0-7	type CC 0111	flags		:	data	data offset		
bytes 8-15	source	source channel	source ID	Q		byte count	ınt	

Figure 24

Preload data

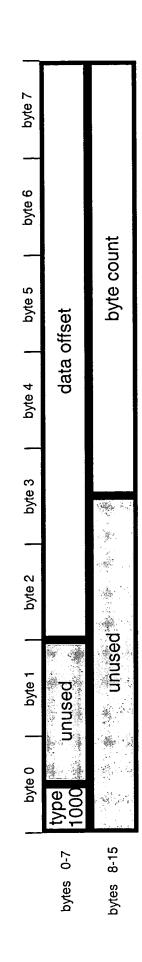


Figure 25

Branch

		descriptor offset	descripto			pesnur	type 0001	bytes 0-7
Dyte /	Dyle o	Dyte 5	byte 4	Dyte 3	byte 2	byte 1	byte 0	

Figure 26

Path Table Entry

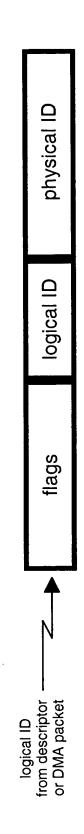


Figure 27

Route Table Entry

	byte 0	0	byte 1	-	byte 2		byte 3	_	byte 4	byte 5	byte 6	byte 7
path 0	0000					_	route nibbles	səlqc				port
path 1	0000						route nibbles	seldo				port
path 2	0000					_	route nibbles	səlqc				port
path 3	0000					_	route nibbles	səlqc				port

Figure 28

Broadcast Registers

	byte 0 byte 1	byte 2
register 0	lookup table index	port
register 1	lookup table index	port
register 2	lookup table index	port
register 3	lookup table index	port

Figure 29

Sequence Table Entry

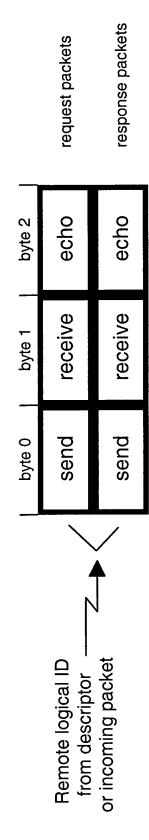


Figure 30

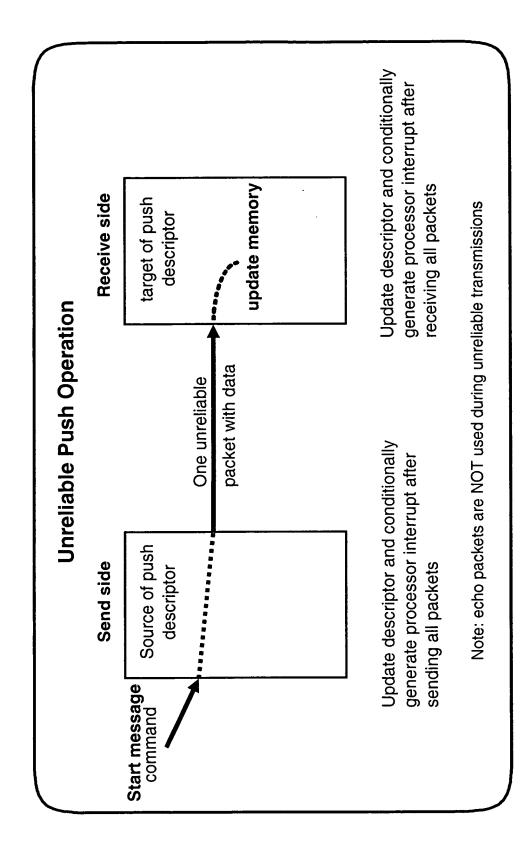


Figure 31

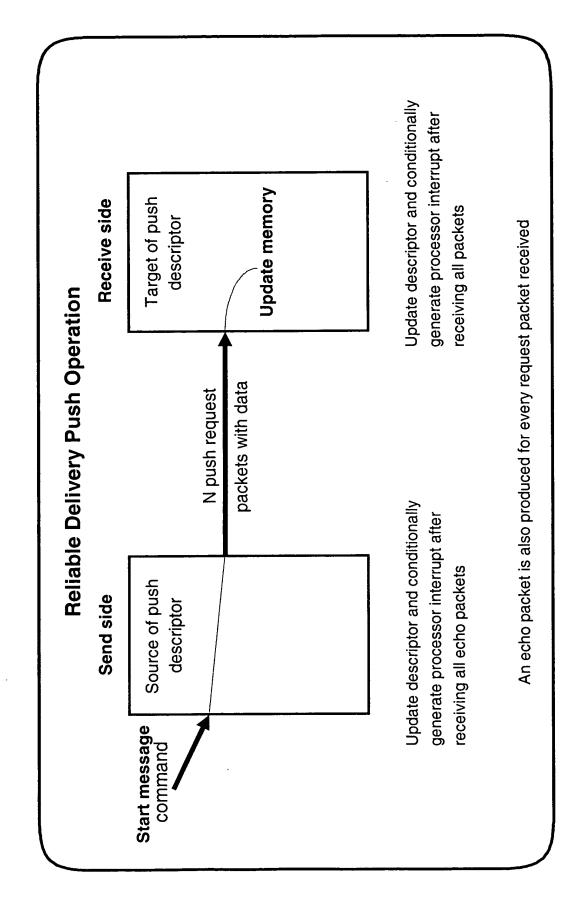


Figure 32

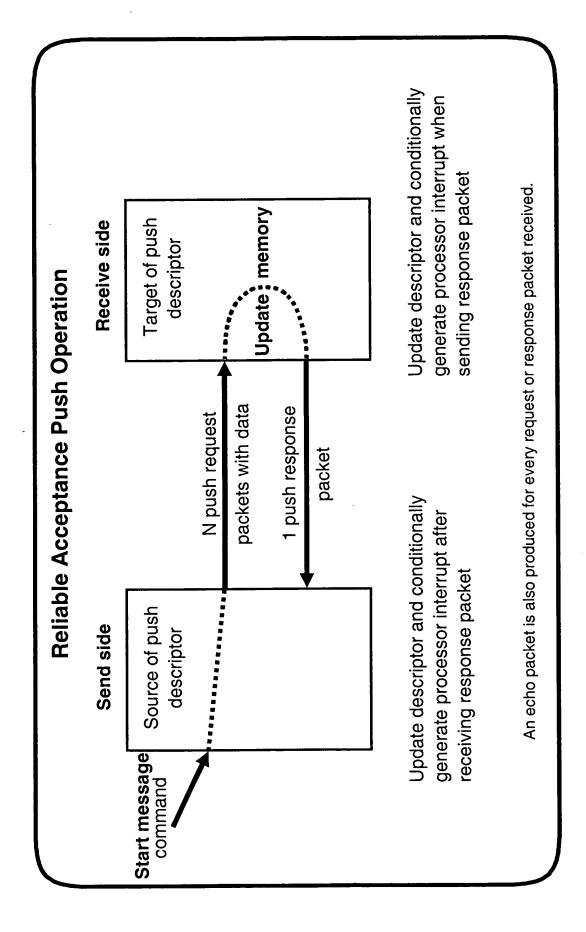


Figure 33

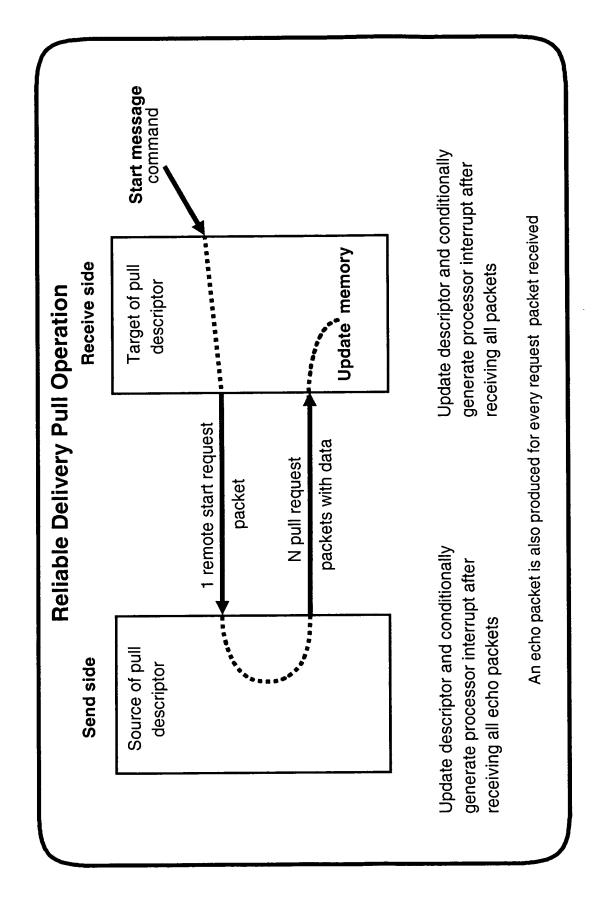


Figure 34

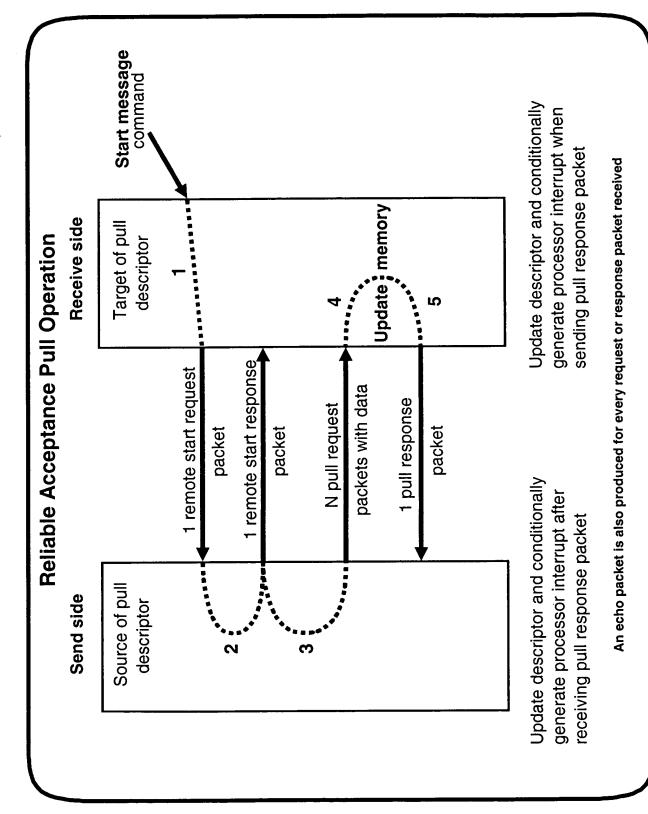


Figure 35

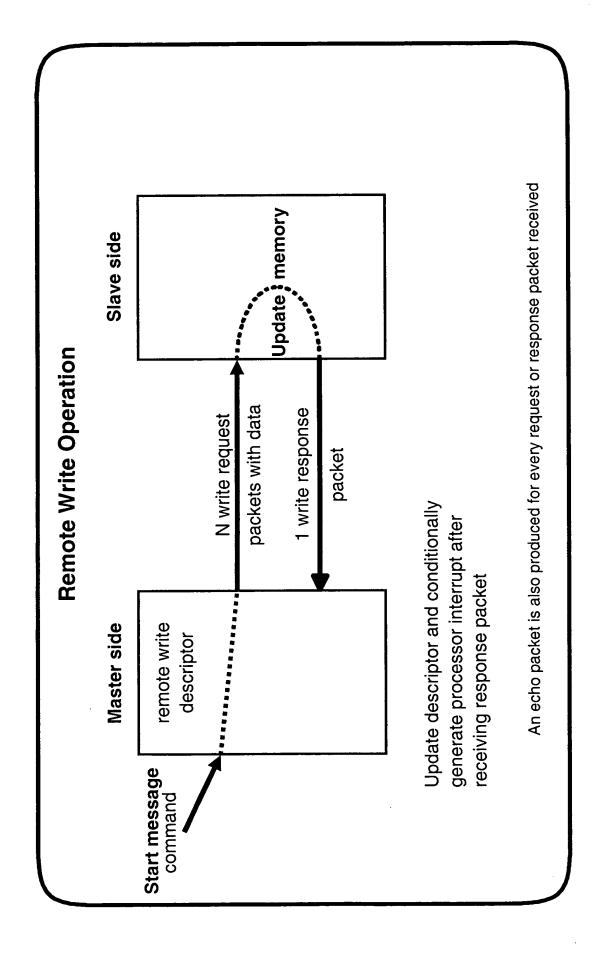


Figure 36

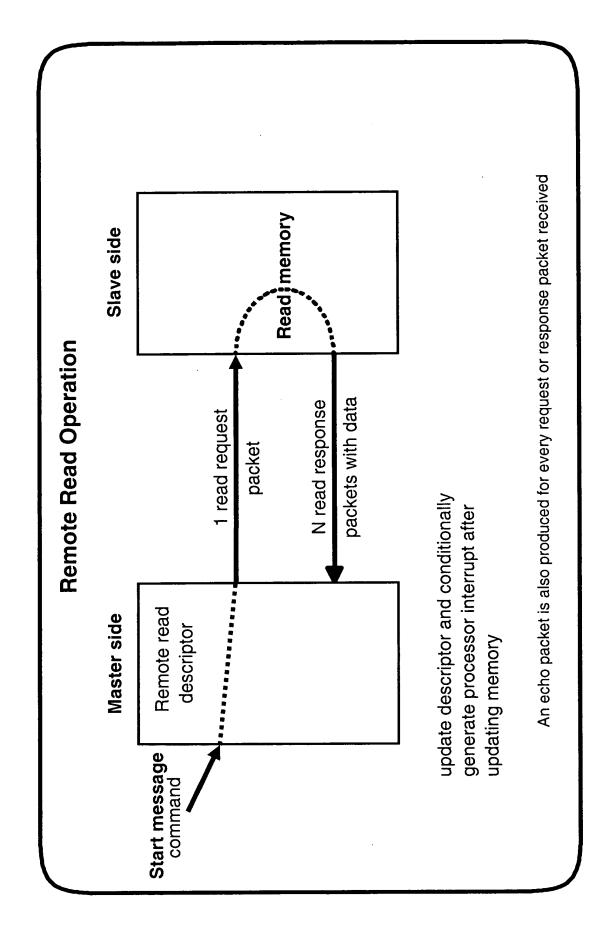


Figure 37

38/52

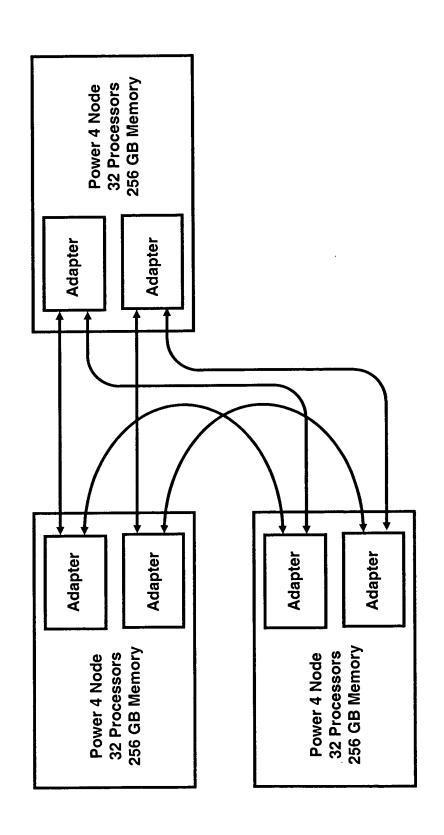


Figure 39

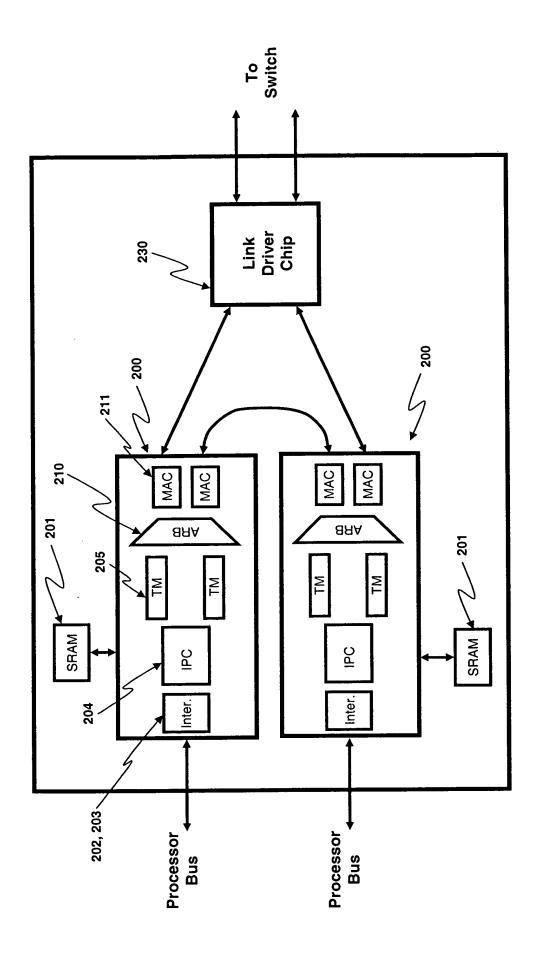


Figure 40

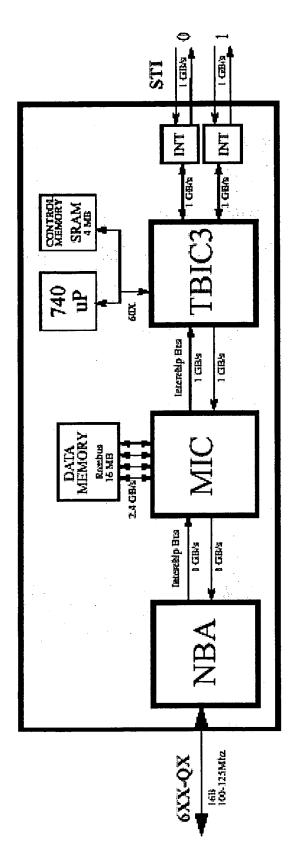
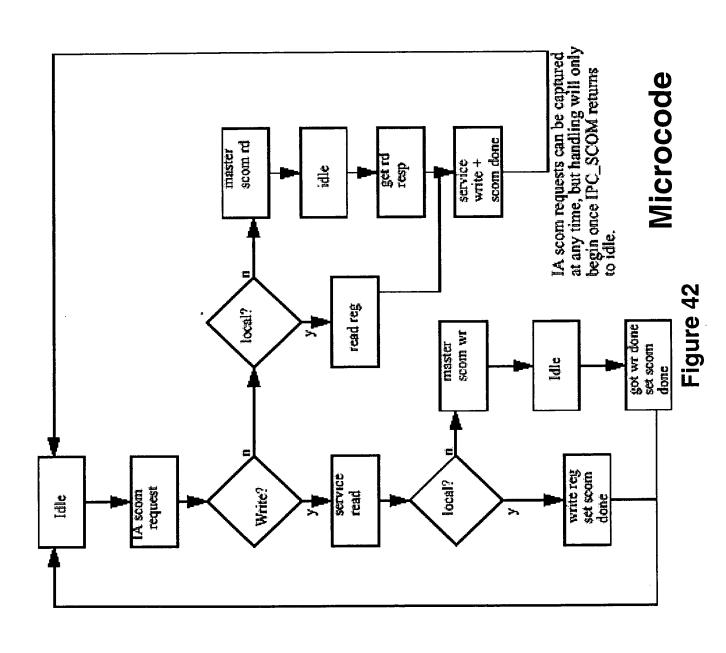


FIGURE 10. Colony Adapter

From page 32 of the spec – inclusion speculative

Figure 41



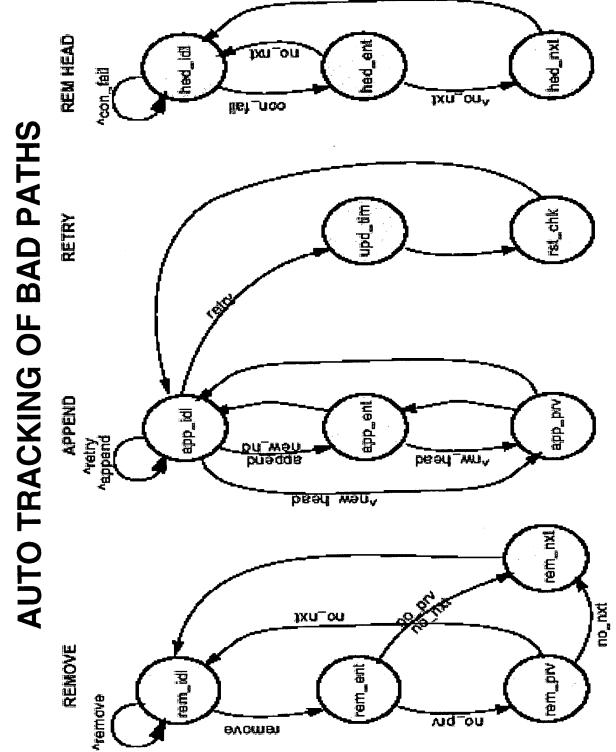


Figure 43

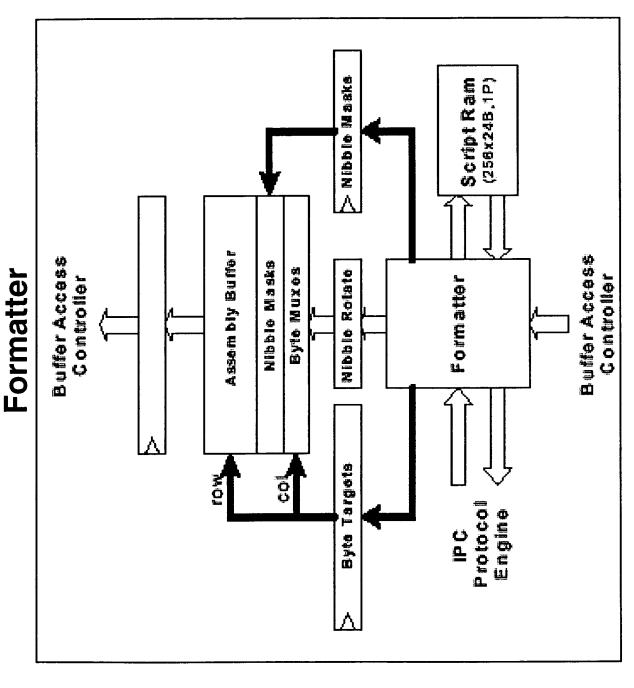
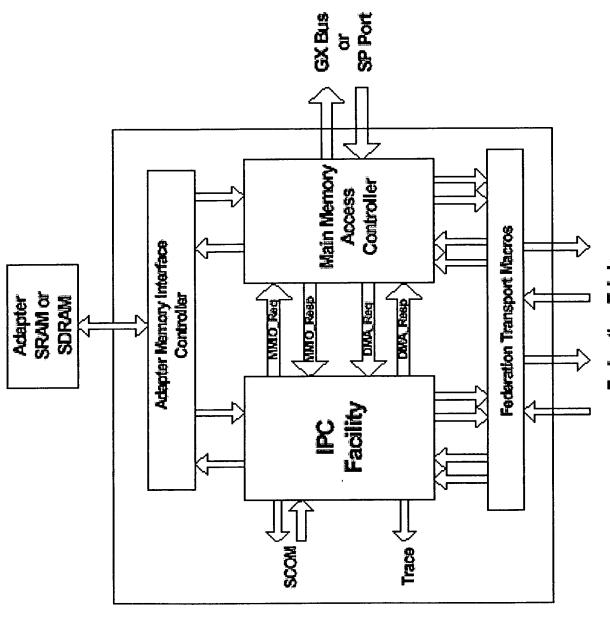


Figure 44



Federation Fabric Figure 45

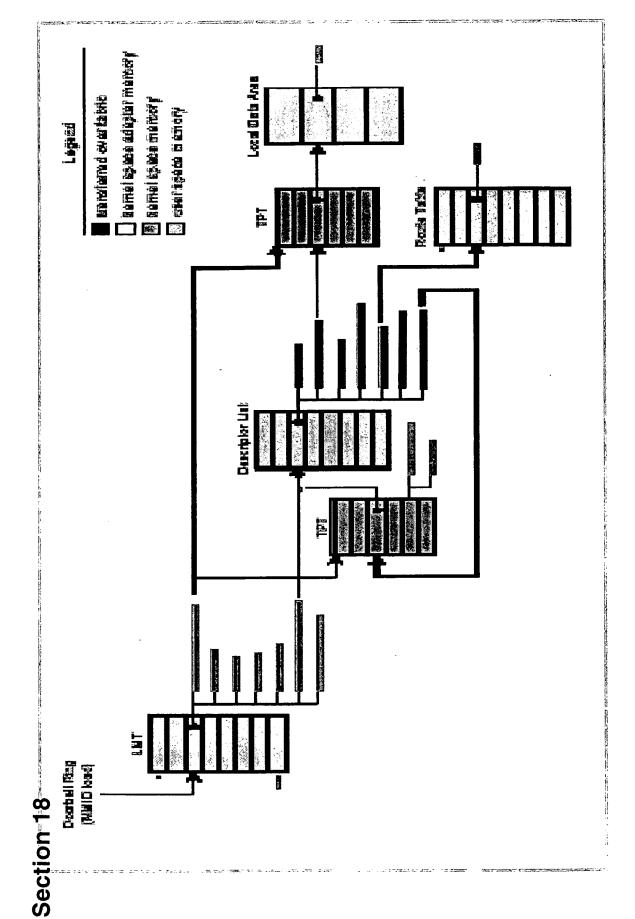


Figure 46

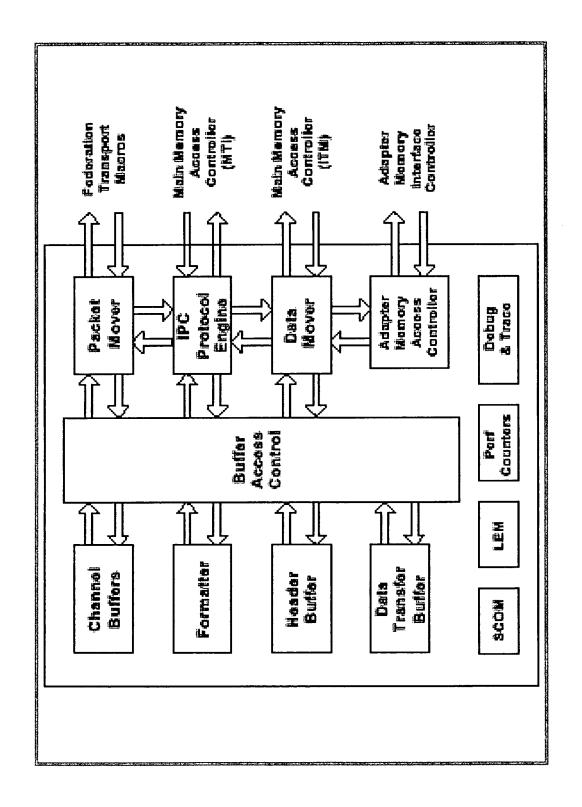


Figure 47

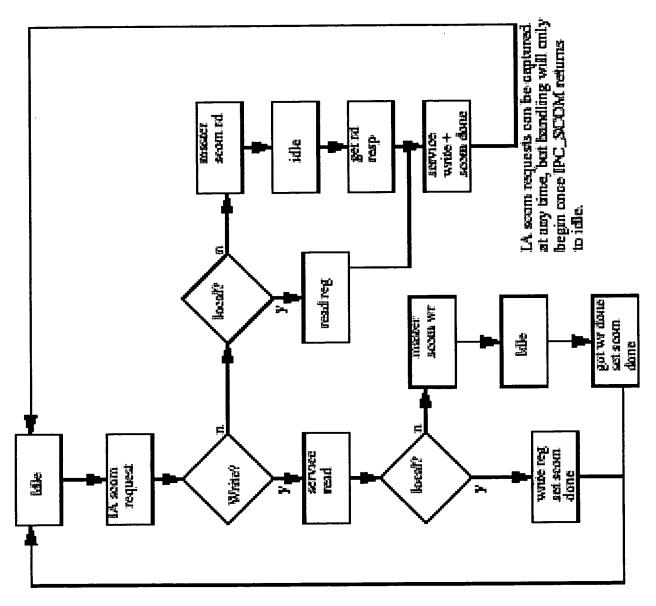


Figure 48

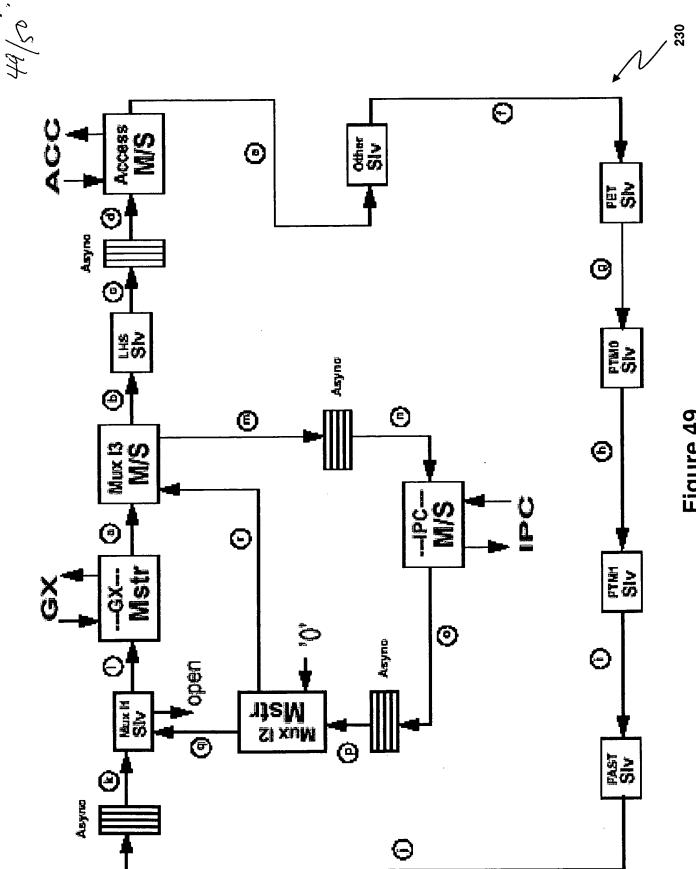


Figure 49

IPC Protocol Engine

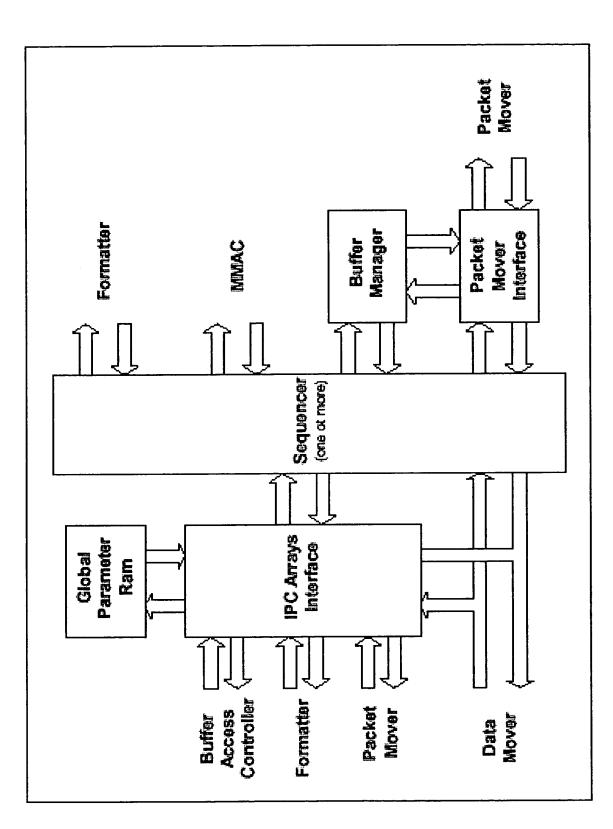


Figure 50